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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known

Application Number	10/541,216
Filing Date	06/29/2005
First Named Inventor	Mark Tawa
Art Unit	1617
Examiner Name	D. Claytor
Attorney Docket Number	TPI5013USPCT6

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number - Kind Code* (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-2,711,411	06-21-1955	Holbert, <i>et al.</i>	All
		US-3,028,420	04-03-1962	Petrow <i>et al.</i>	All
		US-3,536,809	04-09-1991	Schaller <i>et al.</i>	All
		US-3,598,123	08-10-1971	Zaffaroni	All
		US-3,845,770	11-05-1974	Theeuwes <i>et al.</i>	All
		US-3,916,899	11-04-1975	Theeuwes <i>et al.</i>	All
		US-4,008,719	02-22-1977	Theeuwes <i>et al.</i>	All
		US-4,198,507	04-15-1980	Barry, <i>et al.</i>	All
		US-4,267,179	05-12-1981	Heeres <i>et al.</i>	All
		US-4,368,197	01-11-1983	Shefter, <i>et al.</i>	All
		US-4,513,006	04-23-1995	Maryanoff <i>et al.</i>	All
		US-4,764,604	08-16-1988	Muller	All
		US-4,816,134	04-10-1990	Heeres <i>et al.</i>	All
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		US-5,006,513	04-09-1991	Hector <i>et al.</i>	All
		US-5,059,595	10-22-1991	Le Grazie	All
		US-5,073,543	12-17-1991	Marshall <i>et al.</i>	All
		US-5,120,548	06-09-1992	McClelland <i>et al.</i>	All

Examiner Signature	Date Considered
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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		US-5,177,262	01-15-1993	Taylor, et al.	All
		US-5,242,942	09-07-1993	Costanzo et al.	All
		US-5,332,834	07-26-1994	Bhattacharya, et al.	All
		US-5,338,644	08-16-1994	Taylor, et al.	All
		US-5,354,556	10-11-1994	Sparks et al.	All
		US-5,366,738	11-22-1994	Rork et al.	All
		US-5,380,867	01-10-1995	Bhattacharya, et al.	All
		US-5,384,327	01-24-1995	Costanzo et al.	All
		US-5,412,094	05-02-1995	Amos, et al.	All
		US-5,414,997	05-16-1995	Tailer	All
		US-5,474,997	12-12-1995	Gray et al.	All
		US-5,523,090	06-04-1996	Znaiden, et al.	All
		US-5,591,767	01-07-1997	Mohr et al.	All
		US-5,614,342	03-25-1997	Molaire, et al.	All
		US-5,633,015	05-27-1997	Gillis et al.	All
		US-5,639,476	06-17-1997	Oshlack et al.	All
		US-5,661,151	08-26-1997	Saksena et al.	All
		US-5,674,533	10-07-1997	Santus et al.	All
		US-5,707,975	01-13-1998	Francois et al.	All
		US-5,733,566	03-31-1998	Lewis	All

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		US-5,753,693	05-19-1998	Shank	All
		US-5,760,007	06-02-1999	Shank <i>et al.</i>	All
		US-5,935,933	08-10-1999	Shank <i>et al.</i>	All
		US-5,952,187	09-14-1999	Stenglein <i>et al.</i>	All
		US-5,998,380	12-07-1999	Ehrenberg <i>et al.</i>	All
		US-5,998,413	12-07-1999	Heeres, <i>et al.</i>	All
		US-6,001,996	12-14-1999	Amos, <i>et al.</i>	All
		US-6,071,537	06-06-2000	Shank	All
		US-6,132,420	10-17-2000	Dionne <i>et al.</i>	All
		US-6,191,117	02-20-2001	Kozachuk	All
		US-6,201,010	03-13-2001	Cottrell	All
		US-6,245,357	06-12-2001	Edgren <i>et al.</i>	All
		US-6,268,385	07-31-2001	Whittle, <i>et al.</i>	All
		US-6,270,787	08-07-2001	Ayer	All
		US-6,283,953	09-04-2001	Ayer <i>et al.</i>	All
		US-6,287,295	09-11-2001	Chen <i>et al.</i>	All
		US-6,319,903	11-20-2001	Carrazana <i>et al.</i>	All
		US-6,333,050	12-25-2001	Wong <i>et al.</i>	All
		US-6,365,185	04-02-2002	Ritschel <i>et al.</i>	All
		US-6,375,978	04-23-2002	Kleiner <i>et al.</i>	All

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First Named Inventor	Mark Tawa
Art Unit	1617
Examiner Name	D. Clayton
Attorney Docket Number	TPI5013USPCT6

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		US-6,488,962	12-03-2002	Berner et al.	All
		US-6,503,884	01-07-2003	Ehrenberg et al.	All
		US-6,559,293	05-06-2003	Almarsson, et al.	All
		US-6,570,036	05-27-2003	Reuter	All
		US-6,699,840	03-02-2004	Almarsson, et al.	All
		US-7,078,526	07-18-2006	Remenar et al.	All
		US-7,205,413	04-17-2007	Morissette et al.	All
		US-7,446,107	11-04-2008	Remenar et al.	All
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		US-2002/0037925	03-28-2002	Dewey et al.	All
		US-2002/0042446	04-11-2002	Dewey et al.	All
		US-2003/0069190	04-10-2003	Abdel-Magid et al.	All
		US-2003/0072802	04-17-2003	Cutler	All
		US-2003/0096014	05-22-2003	Sherman	All
		US-2003/0162226	08-28-2003	Cima, et al.	All
		US-2003/0166581	09-04-2003	Almarsson, et al.	All
		US-2003/0224006	12-04-2003	Zaworotko, et al.	All
		US-2004/0019211	01-29-2004	Remenar, et al.	All

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First Named Inventor	Mark Tawa
Art Unit	1617
Examiner Name	D. Claytor
Attorney Docket Number	TPI5013USPCT6

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		US-2004/0106052	06-03-2004	Molaire	All
		US-2004/0106053	06-03-2004	Molaire, et al.	All
		US-2004/0106055	06-03-2004	Molaire, et al.	All
		US-2004/0171062	09-02-2004	Hirth, et al.	All
		US-2004/0176335	09-09-2004	Childs	All
		US-2004-0053853	03-18-2004	Almarsson, et al.	All
		US-2005/0070551	03-31-1995	Remenar, et al.	All
		US-2005/0070551 A1	03-31-2005	Remenar, et al.	All
		US-2005/0169982	08-04-2005	Almarsson, et al.	All
		US-2005/0181041	08-18-2005	Goldman	All
		US-2005/0256249	11-17-2005	Chiu, et al.	All
		US-2005/0256127	11-17-2005	Ku, et al.	All
		US-2007/0293674	120-20-2007	Scoppettuolo et al.	All

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		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
		EP 413528 B1	11-15-1995	Yu, R., et al.	All	
		EP 1364649 A1	11-26-2003	Cilag AG	All	
		WO 94/16733 A1	08-04-1994	Chiesi Farmaceutici S.P.A.	All	
		WO 96/07331 A1	03-14-1996	Xyrofin Oy	All	

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		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
		WO 98/57967 A1	12-23-1998	Dong-A Pharmaceutical Co., Ltd.	All	
		WO 2000/53283 A1	09-14-2000	Reuter Chemische Apparatebau KG	All	
		WO 2001/13904 A2	03-01-2001	Ortho-McNeil Pharmaceutical, Inc.	All	
		JP 54-16494	02-07-1979	Yamanouchi Pharmaceutical Co., Ltd.	All	X
		WO 00/50020 A2	08-31-2000	University of Cincinnati	All	
		FR 769,586	06-11-1934	Chemische Fabrik von Heyden	All	X
		IT 01303251	11-06-2000	Industriale Chimica, S.R.L.	All	X
		WO 2001/97853 A1	12-27-2001	Biochemie Gesellschaft MBH	All	
		EP 0310122 B1	04-05-1989	Kaken Pharma	All	
		WO 2002/062318 A2	08-15-2002	DSM N.V.	All	
		EP 0283992 B1	09-16-1992	Janssen Pharma	All	
		WO 2003/101392 A2	12-11-2003	Transform Pharmaceuticals, Inc.	All	
		WO 2004/054571 A1	07-01-2004	Cilag AG	All	
		WO 2004/078161 A1	09-16-2004	Transform Pharmaceuticals, Inc.	All (provided in 3 parts due to file size)	
		WO 2004/089313 A2	10-21-2004	Transform Pharmaceuticals, Inc.	All	
		WO 2005/023198 A2	03-17-2005	Transform Pharmaceuticals, Inc.	All	
		WO 2005/037424 A1	04-28-2005	Salvias AG	All	
		WO 2005/055983 A2	06-23-2005	Modcrystalfoms, LCC	All	
		WO 2005/060968 A1	07-07-2005	Spracor, Inc.	All	
		WO 2005/089375 A2	09-29-2005	S.S.C.I., Inc.	All	
		WO 2005/094804 A1	10-13-2005	The Regents of the University of Michigan	All	
		WO 2006/024930 A1	03-09-2006	Pharmacia and Upjohn Co., LCC	All	

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		WO 03/070738 A2	08-28-2003	Transform Pharmaceuticals, Inc.	All	
		WO 03/074474 A2	09-12-2003	Univ. South Fl	All	
		WO 95/17407 A1	06-29-1995	Schering Corp	All	
		WO 00/07583 A2	02-17-2000	Brookhaven Science Associates	All	
		WO 00/72841 A1	12-07-2000	Berkant, Jeffrey	All	
		WO 03 033462 A2	04-23-2003	Regents of Univ. Mich.	All	
		IN 182620	12-24-1994	Bajaj et al.	All	
		GB 1 297 261 A	11-22-1972 (22 Nov 1972)	E.R. Squibb & Sons, Inc.	whole document	

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		AAKERÖY, C. et al. "Crystal engineering of hydrogen-bonded assemblies- a progress report" <i>Aust. J. Chem.</i> , 2001, pp. 409-421, Vol. 54.	
		BINGHAM, A. et al. "Over one hundred solvates of sulfathiazole" <i>Chem. Commun.</i> , 2001, pp. 603-604.	
		BYRIEL, K., et al. "Molecular cocrystals of carboxylic acids. IX" Carboxylic acid interactions with organic heterocyclic bases. The crystal structures of the adducts of (2,4-dichlorophenoxy) acetic acid with 3-hydroxypyridine, 2,4,6-trinitrobenzoic acid with 2-aminoimidazole, and 4-nitrobenzoic acid with 3-amino-1,2,4-triazole" <i>Aust. J. Chem.</i> , 1992, pp. 969-981, Vol. 35, No. 6.	
		SALMON, J. et al. "Supramolecular chemistry of boronic acids (Abstract)" 38 th Midwest Regional Meeting of the American Chemical Society in Columbia, MO., November 5-7, 2003, published by the American Chemical Society, Washington, D.C.	
		URBINA, J. et al. "Supramolecular design of inorganic/organic networks using flexible ligands with self-complementary hydrogen bonds (Abstract)" 38 th Midwest Regional Meeting of the American Chemical Society in Columbia, MO., November 5-7, 2003, published by the American Chemical Society, Washington, D.C.	

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Application Number	10/541,216
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First Named Inventor	Mark Tawa
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Group Art Unit	1617
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Attorney Docket Number	TPI5013USPCT6

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Application Number	10/541,216
Filing Date	06/29/2005
First Named Inventor	Mark Tawa
Group Art Unit	1617
Examiner Name	D. Claytor
Attorney Docket Number	TPI5013USPCT6

NON PATENT LITERATURE DOCUMENTS

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Group Art Unit	1617
Examiner Name	D. Claytor
Attorney Docket Number	TPI5013USPCT6

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Group Art Unit	1617
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Attorney Docket Number	TPI5013USPCT6

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Group Art Unit	1617
Examiner Name	D. Claytor
Attorney Docket Number	TP15013USPCT6

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Group Art Unit	1617
Examiner Name	D. Claytor
Attorney Docket Number	TP15013USPCT6

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Sheet 21 of 35

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Application Number	10/541,216
Filing Date	06/29/2005
First Named Inventor	Mark Tawa
Group Art Unit	1617
Examiner Name	D. Claytor
Attorney Docket Number	TPI5013USPCT6

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue numbers(), publisher, city and country where published.	T ²
		CHINNAKALI, K. et al. "2-aminopyrimidine and p-phenylene-diacetic acid (1:1) co-crystal" <i>Acta Cryst.</i> , 1999, pp. 399-401, Vol. C55.	
		CHOI, C. et al. "Cocrystallization of melaminium levulinate monohydrate" <i>Acta Cryst.</i> , 2004, pp. o295-o296, Vol. C60.	
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Application Number	10/541,216
Filing Date	06/29/2005
First Named Inventor	Mark Tawa
Group Art Unit	1617
Examiner Name	D. Claytor
Attorney Docket Number	TP15013USPCT6

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Sheet 23 of 35

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Application Number	10/541,216
Filing Date	06/29/2005
First Named Inventor	Mark Tawa
Group Art Unit	1617
Examiner Name	D. Claytor
Attorney Docket Number	TPI5013USPCT6

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		ETTER, M. "Encoding and decoding hydrogen-bond patterns of organic compounds" <i>Acc. Chem. Res.</i> , 1990, pp. 120-126, Vol. 23.	
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Filing Date	06/29/2005
First Named Inventor	Mark Tawa
Group Art Unit	1617
Examiner Name	D. Claytor
Attorney Docket Number	TPI5013USPCT6

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		ISHIDA, T. et al. "Structural study of histamine H ₂ -receptor antagonists. Five 3-[2-(diamino-methyleneamino)-4-thiazolymethyl]thio) propionamide and -amide derivatives" <i>Acta Cryst.</i> , 1989, pp. 505-512, Vol. B45.	
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Application Number	10/541,216
Filing Date	06/29/2005
First Named Inventor	Mark Tawa
Group Art Unit	1617
Examiner Name	D. Claytor
Attorney Docket Number	TP15013USPCT6

NON PATENT LITERATURE DOCUMENTS

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		KRISHNAMOHAN SHARMA, C. V. et al. "X-ray crystal structure of C ₆ H ₃ (CO ₂ H) ₃ -1,3,5-1.5(4,4'-bipy): a 'super trimesic acid' chicken-wire grid" <i>Chem. Commun.</i> , 1996, pp. 2655-2656.	
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First Named Inventor	Mark Tawa
Group Art Unit	1617
Examiner Name	D. Claytor
Attorney Docket Number	TP15013USPCT6

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		ROBBINS, A. H. et al. "The crystal structure of the 1:2 adduct of potassium triiodide and 5,5-diethylbarbituric acid (barbital)" <i>American Crystallographic Association- Series 2, Papers and Abstracts</i> , 1973, p. 87.	
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Sheet 29 of 35

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Group Art Unit	1617
Examiner Name	D. Claytor
Attorney Docket Number	TP15013USPCT6

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		TOMURA, M. et al. "One-dimensional zigzag chain structures with intermolecular C-H...π and C-H...O interactions consisted of phthalic acid and pyridine derivatives" <i>Chemistry Letters</i> , 2001, pp. 532-533.	
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		SCARBROUGH, F. et al. "Crystal structure of a complex between lumiflavin and 2,6-diamino-9-ethylpurine: a flavin adenine dinucleotide model exhibiting charge-transfer interactions" <i>Proc. Natl. Acad. Sci. USA</i> , November 1976, pp. 3807-3811, Vol. 73, No. 11.	
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Sheet 33 of 35

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Application Number	10/541,216
Filing Date	06/29/2005
First Named Inventor	Mark Tawa
Group Art Unit	1617
Examiner Name	D. Claytor
Attorney Docket Number	TPI5013USPCT6

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		ROSENFELD, W. E. "Topiramate: A Review of Preclinical, Pharmacokinetic, and Clinical Data", <i>Clinical Therapeutics</i> , 1997, pp. 1294-1308, Vol. 19, No. 6.	
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		WALSH, R.D. Bailey et al. <i>Chem. Commun.</i> , 2003:186-187.	

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